

Abstract of the Disclosure

An improved Flash memory device, control circuit, or data handling methods is described that facilitate the moving and consolidating data in split and non-split user/overhead data sector architectures, moving and storing user and overhead data from and to separate non-volatile memory devices, differing erase blocks, or differing sectors of an erase block. This enables ECC checking and masking while moving data. In addition, the use of a split data storage approach is enabled that avoids the issue of potential corruption of both the user data and overhead data due to each being held within close proximity to each other on the same physical row by allowing user/overhead data split across two erase blocks to be easily moved, consolidated, and managed.